

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.: 10/562,824 Confirmation No. 3786  
Applicant: T. MORINO et al.  
Filed: December 30, 2005  
Title: HEATING RESISTOR TYPE FLUID FLOW RATE MEASURING  
APPARATUS FOR INTERNAL COMBUSTION ENGINE HAVING  
THE MEASURING APPARATUS  
TC/AU: Not Yet Assigned  
Examiner: Not Yet Assigned  
Customer No.: 24956

**SUBMISSION OF DECLARATION UNDER 37 CFR §1.497(a)(b)**

**MAIL STOP: MISSING PARTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 6, 2006

Sir:

In the matter of the above-identified application, which was originally filed on December 30, 2005 without a Declaration, and responsive to the Notification of Missing Requirements mailed April 7, 2006, please find attached hereto a Declaration for submission under 37 CFR §1.497(a)(b), executed by each of the inventors in the above-identified application.

A Credit Card Payment Form authorizing the requisite \$130.00 fee is attached. Should any additional fees become due in connection with the filing of this Declaration, please charge Deposit Account No. 50-1417 (Case No. KAS-5122).

Respectfully submitted,

  
John R. Mattingly  
Registration No. 30,293  
MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

06/09/2006 GFREY1 00000143 10562824  
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130.00 0P

JRM/so  
Enclosures  
703/684-1120





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/562,824	Takeshi Morino	KAS-5122

INTERNATIONAL APPLICATION NO.	
PCT/JP04/13810	
I.A. FILING DATE	PRIORITY DATE
09/22/2004	09/24/2003

John R Mattingly  
 1800 Diagonal Road  
 Suite 370  
 Alexandria, VA 22314

CONFIRMATION NO. 3786

## 371 FORMALITIES LETTER



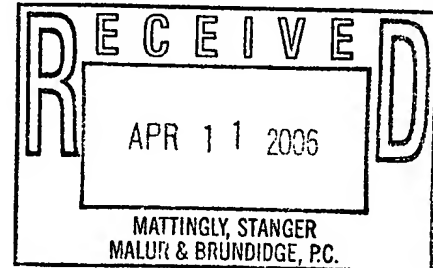
\*OC000000018478504\*

Date Mailed: 04/07/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/30/2005
- English Translation of the IA filed on 12/30/2005
- Copy of the International Search Report filed on 12/30/2005
- Information Disclosure Statements filed on 12/30/2005
- U.S. Basic National Fees filed on 12/30/2005
- Priority Documents filed on 12/30/2005
- Specification filed on 12/30/2005
- Claims filed on 12/30/2005
- Drawings filed on 12/30/2005



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:



- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAYA L LEWIS BALTIMORE

Telephone: (703) 308-9140 EXT 202

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/562,824	PCT/JP04/13810	KAS-5122



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2005**Effective 12/08/2004. Fees pursuant to the Consolidated Appropriations Act.  
2005 (H.R. 4818).**Complete if Known**

Application Number	10/562,824
Filing Date	December 30, 2005
First Named Inventor	T. MORINO
Attorney Docket No.	KAS-5122

**TOTAL AMOUNT OF PAYMENT** (\$)**130.00****METHOD OF PAYMENT (check all that apply)**
☐ Check
 ☒ Credit Card
 ☐ Money Order
 ☐ Other
 ☐ None
☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name**50-1417**

MATTINGLY, STANGER &amp; MALUR, P.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application.☐ Charge fee(s) indicated below, except for the filing fee  
to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1011 300	2011 150	Utility filing fee	
1012 200	2012 105	Design filing fee	
1013 200	2013 100	Plant filing fee	
1014 300	2014 150	Reissue filing fee	
1005 200	2005 100	Provisional filing fee	
1111 500	2111 250	Utility Search fee	
1112 100	2112 50	Design Search fee	
1113 300	2113 150	Plant Search fee	
1114 500	2114 250	Reissue Search fee	
1311 200	2311 100	Utility Ex. fee	
1312 130	2312 65	Design Ex. fee	
1313 160	2313 80	Plant Ex. fee	
1314 600	2314 300	Reissue Ex. fee	
<b>SUBTOTAL (1)</b>			<b>0.00</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

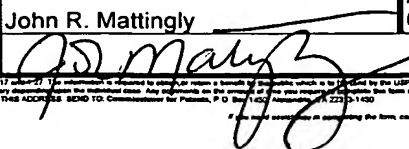
	Extra Claims	Fee from below	Fee Paid
Total Claims	-20 =	x 50 =	
Indep. Claims	-3 =	x 200 =	
Multiple Dependent		360 =	
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	
1202 50	2202 25	Claims in excess of 20	
1201 200	2201 100	Independent claims in excess of 3	
1203 360	2203 180	Multiple dependent claim, if not paid	
1204 200	2204 100	** Reissue independent claims over original patent	
1205 50	2205 25	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2) \$</b>			<b>0.00</b>

\*\*or number previously paid, if greater; For Reissues, see above.

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	130.00
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1081 250	2081 125	Utility Application Size fee - for each 50 over 100	
1082 250	2082 125	Design Application Size fee - for each 50 over 100	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examination action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1020	2253 510	Extension for reply within third month	
1254 1,590	2254 795	Extension for reply within fourth month	
1255 2,160	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 500	2402 250	Filing a brief in support of an appeal	
1403 1000	2403 500	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 500	2452 250	Petition to revive - unavoidable	
1453 1,500	2453 750	Petition to revive - unintentional	
1501 1,400	2501 700	Utility issue fee (or reissue)	
1502 800	2502 400	Design issue fee	
1503 1,100	2503 550	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application.	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
<b>SUBTOTAL (3) (\$)</b>			<b>130.00</b>

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	John R. Mattingly	Registration No. (Attorney/Agent)	30,293	Telephone	(703) 684-1120
Signature		Date	June 6, 2006		

This collection of information is required by 37 CFR 1.17 and 37 CFR 1.11. The information is required to obtain a benefit of the invention which is to be examined by the USPTO (in patents) or application. Confidentiality is provided by 38 U.S.C. 122 and 37 CFR 1.11. This collection is estimated to take 15 minutes to complete, including searching, reviewing, and submitting the information. Send this collection of information to the USPTO, P.O. Box 1000, Alexandria, VA 22313-1000. Do not send fees or completed forms to this address. Send to: Commissioner for Patents, P.O. Box 1000, Alexandria, VA 22313-1000.

If you have questions in completing this form, call 1-800-PTO-0198 and select option 3.